

Filed: July 8, 2003

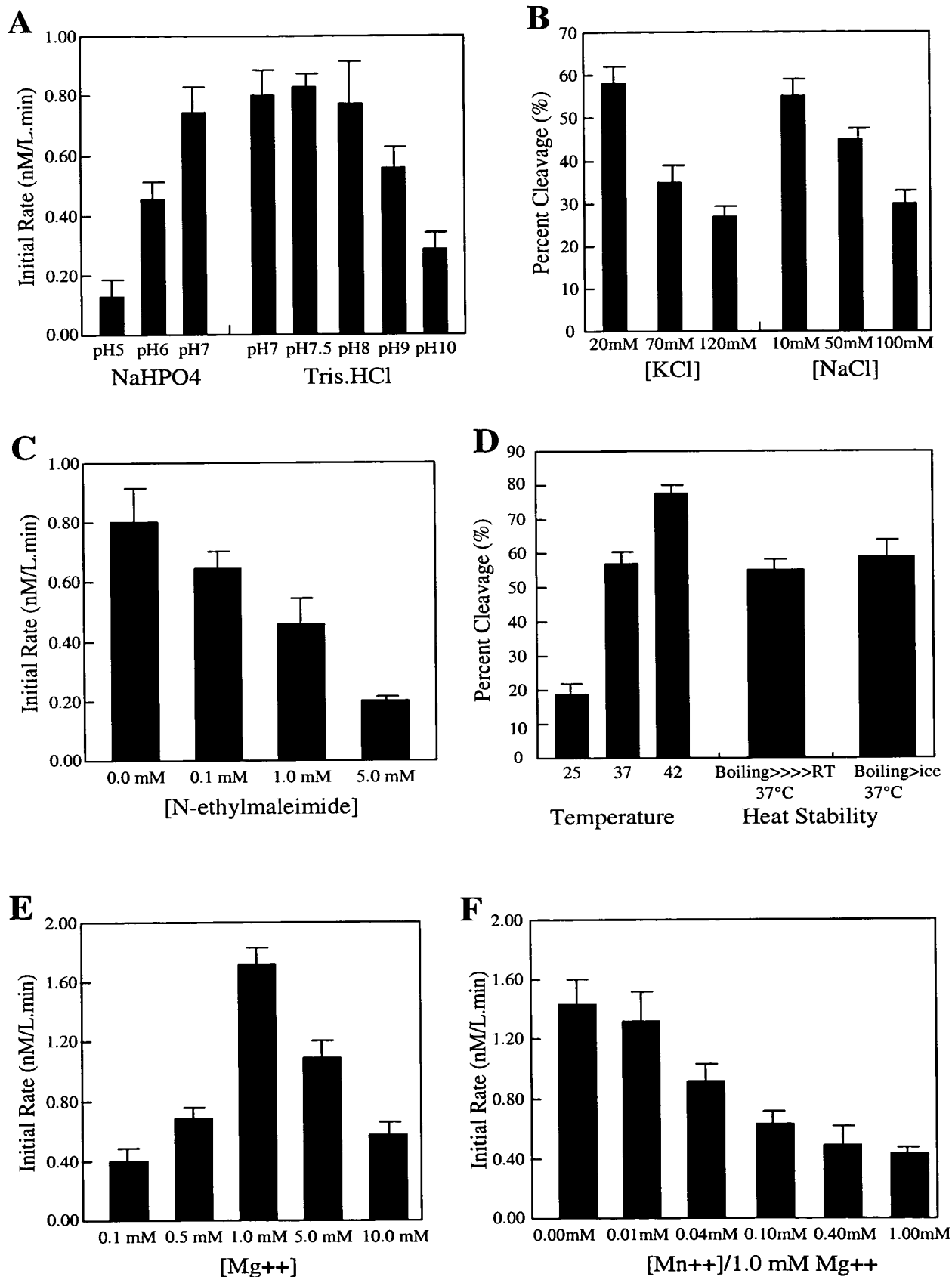


FIG. 1

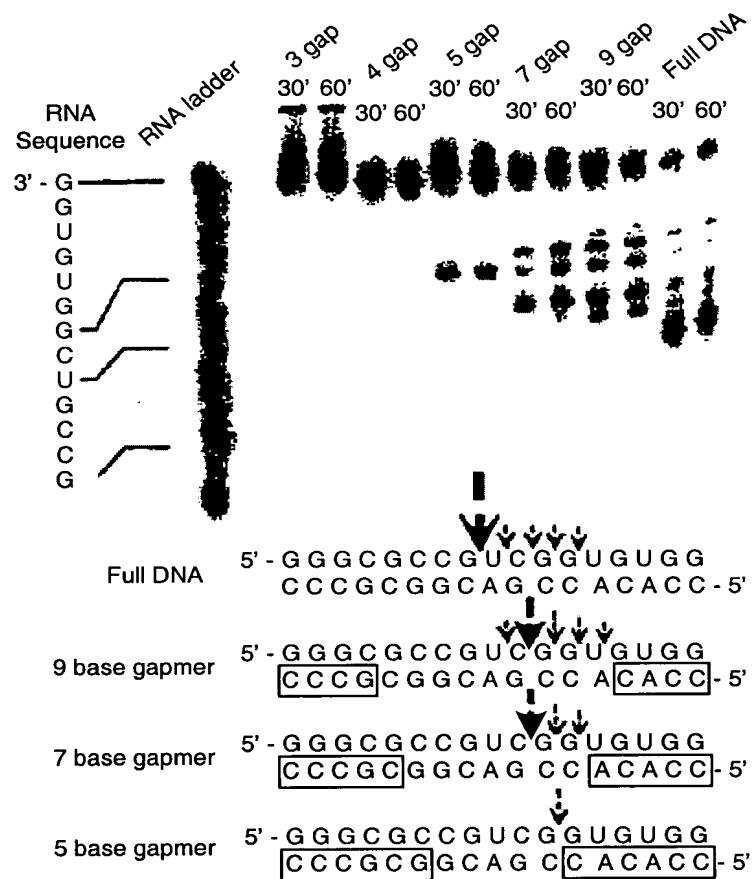


FIG. 2

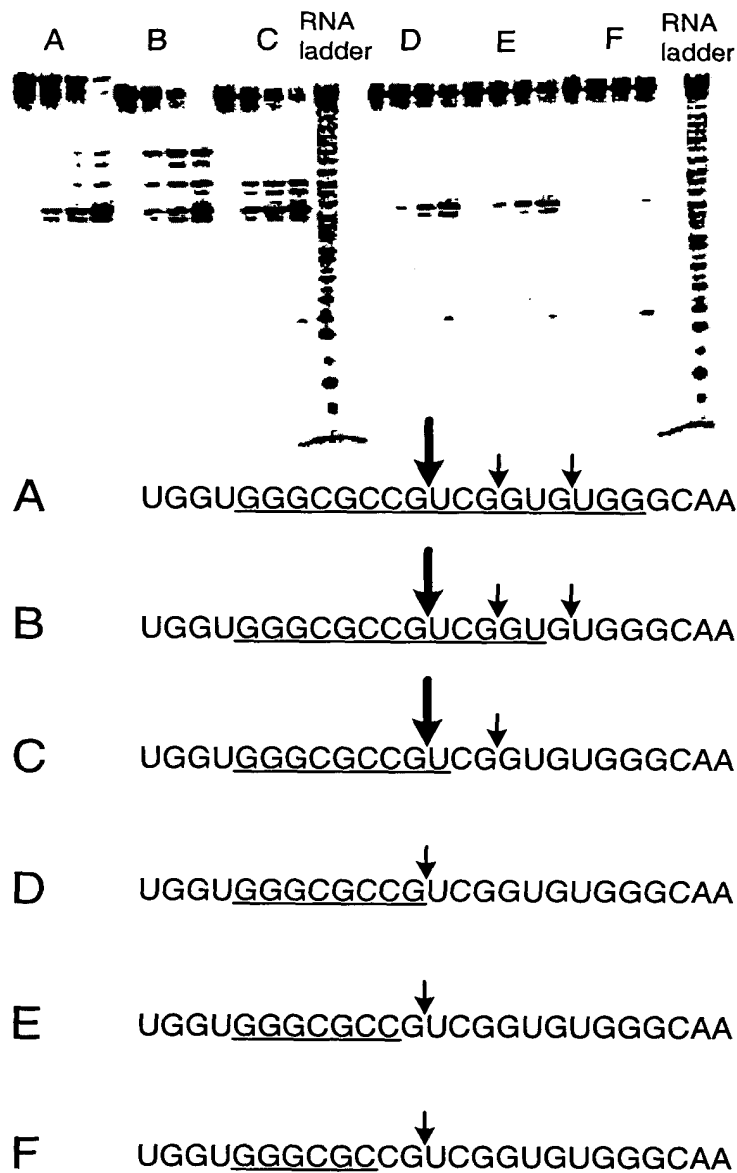


FIG. 3

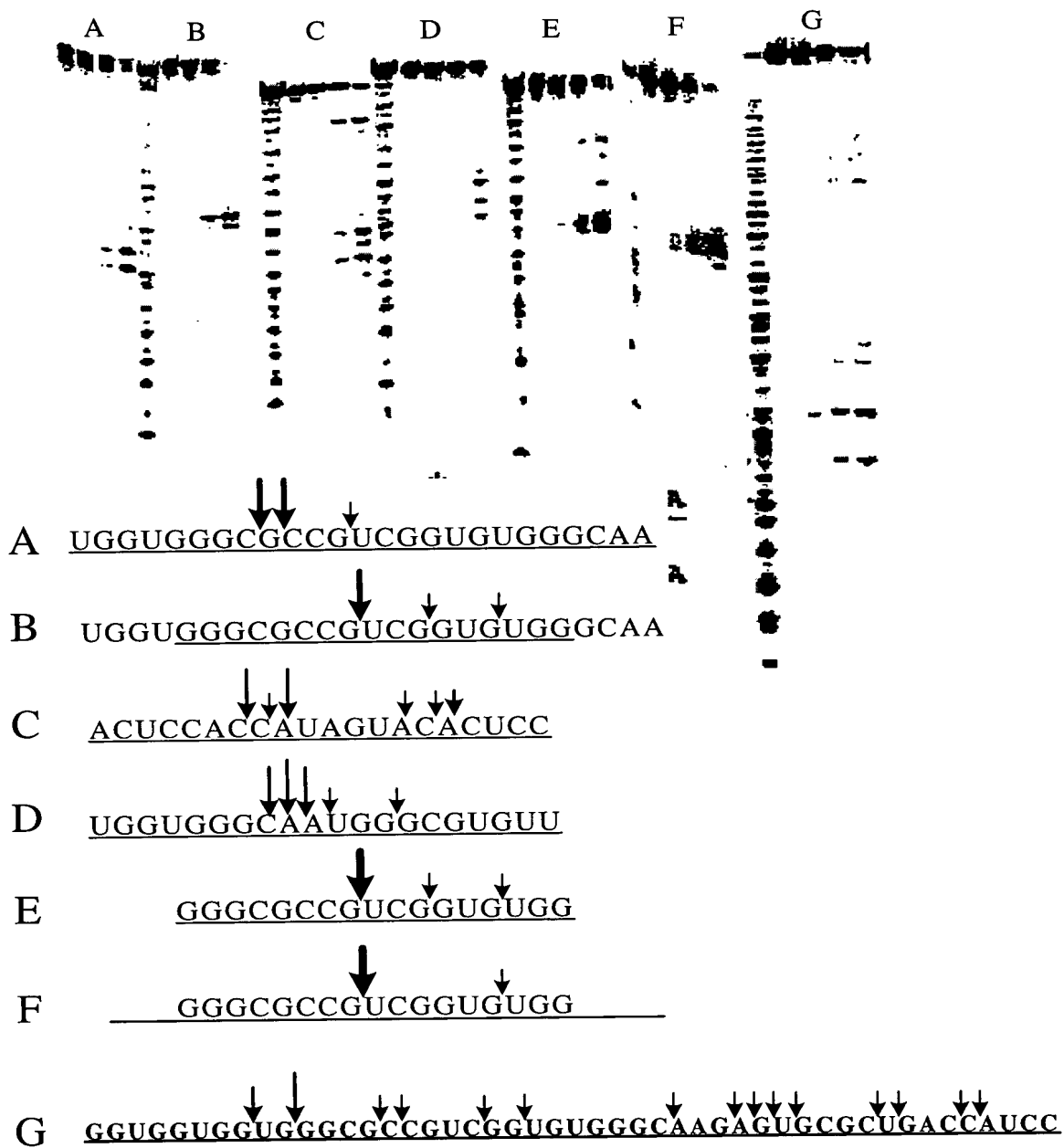


FIG. 4

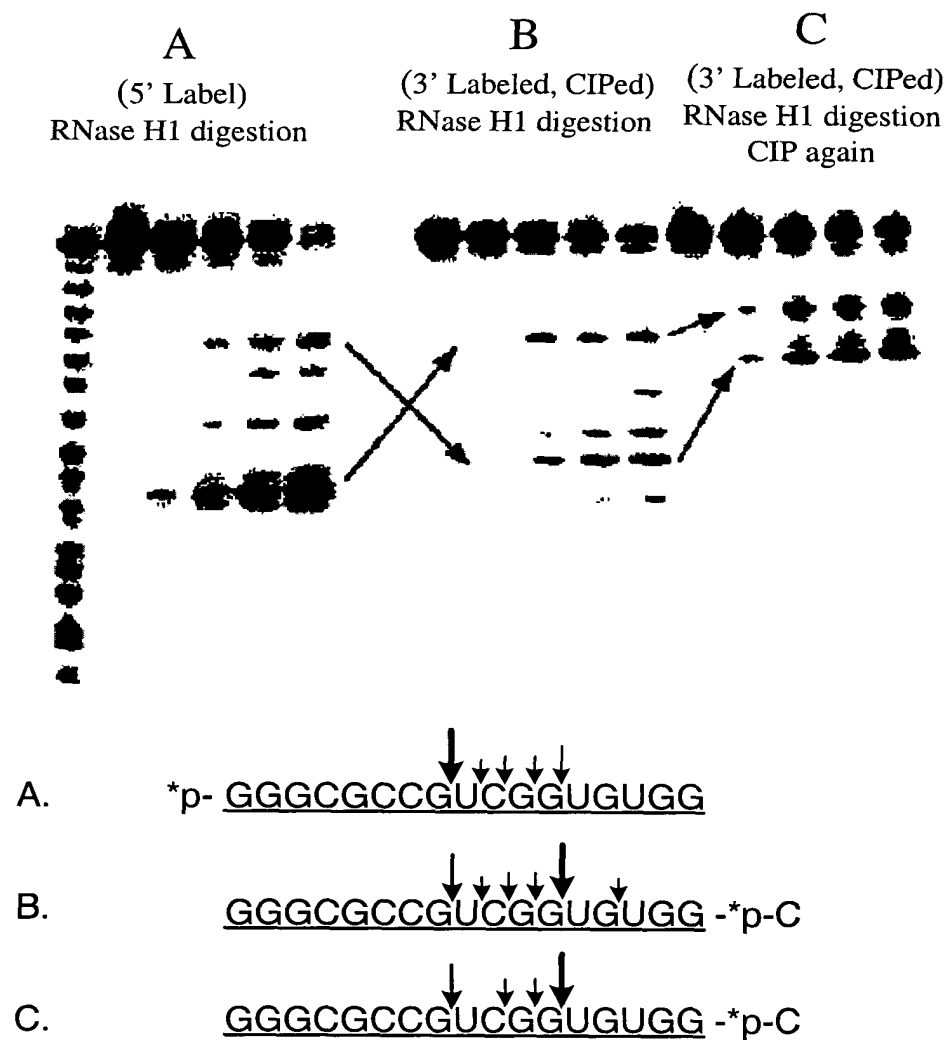


FIG. 5

FIG. 6

<i>Human</i>	MSWLLFLAHRVALAALPCRRGSRGFGMFYAVRRGRKGTGVLTNWECRAQVDRFFPAARFKKFA TEDEAWAFVRKSAS
<i>Chicken</i>	MLRWL-----VAL-LSHSCFVSKGGMFYAVRKGRQTGVYRTWAECQQQVNRFPFSA SFKKFATEKEAWFVGAGPP
<i>Yeast</i>	MARQGNFYAVRKGRGTGIYNTWNECKNQVDGYGGA IYKKFNSYEQA KSF LGQ PNT
<i>Mouse EST</i>	GICGLGMFYAVRRGRRPVGLSWSECKAQVDRFPAA RFKKFATEDEAWAFVRSSSS
<i>Human</i>	PEVSEGHENQHGESEAKPGKRLREPLDGDG-----
<i>Chicken</i>	DGQQSAPAE THGASAVAQENASHREEPETDV-----
<i>Yeast</i>	TSNYGSS THAGGQVSKPHTTQKRVRHRRNRPLHYSSLTSSSACSSLS SANTNTFYSVKSNVPNIESKIFNNWKDCQA
<i>Mouse EST</i>	PDGSKGQESAHEQKSQAKTSKRPREPL
<i>Human</i>	-----HESAQPYAKHMKPSVEP-APPVSRDTFSYMGDFVVVYTDGCCSSNGRRKPRA
<i>Chicken</i>	-----LCCNACKRPYEQSTNEEHTVRRAKH-- --DEEQSTPVVSEAKFSYMGFAVVYTDGCCSGNGRNRARA
<i>Yeast</i>	YVKHKRGITFKKFEDQLAAENFISGMSAHDY-KLMNISKE SFESKYKLSNTMYNKS MNVYCDGSSFGNGTSSSRA
<i>E.coli</i>	MLKQVEIFTDGSCLGNP GPGGYG
<i>Mouse EST</i>	VVVYTDGCCSSNGRKRARA
<i>Human</i>	@@
<i>Chicken</i>	@
<i>Yeast</i>	* *
<i>E.coli</i>	GIGVYWGPGHPLNVGI-RLPGRQTNQRAEIHAAACKAIEQA KTNIN-----KLVL YTD SMFTINGITNWVQGWKKN
<i>Mouse EST</i>	GIGVYWGPGHPLNISE-RLPGRQTNQRAEIHAAACKAIEQA KSNIK-----KLIIYTD SKFTINGITSWVENWKTN
	GYGAYFEGAPEENISEPLLSGAQTNNRAEIEAVSEALKKIWEKLTNEKEKVNYQIKTDSEYVTKLLNDRYMTYDNK
	AILRYRGREKTF SAGY--- --TRTTNNRMELMAAIVALEALKEHC-----EVILSTDSQYVRQGITQWIHNWKKR
	GIGVYWGPGHPLNVRI-RLPGRQTNQRAEIHAAACKAVMQAKAQNIS-----KLVL YTD SMFTINGITNWVQGWKKN
<i>Human</i>	* *
<i>Chicken</i>	GWKTSAGKEVINKE D FVALERL-----TQGM DIQWMHVP GHSGF IGNEEADRLAREGA-KQSED
<i>Yeast</i>	GWRTSSGGSVINKEDFQKLDL-----SKGIEIQWMH I P GHAGFQGN EEA DRLAREGASKQL
<i>E.coli</i>	KLEGLPNSDLIVPLVQRFVKVKYVELNKECFKNNKG FQIEWVKGH DGP GNEMADFLAKKGASRR
<i>Mouse EST</i>	GWKTADKKPKVKNVDLWQRLDAA-----LGQH QIKWEWVKGHAGHPENERCDELARAAAMPTLEDTG YQVEV
	GWRTSTGKDVINKEDFMELDEL-----TQGM DIQWMH I P GHSGFVGNEE